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W.R.

Research News

September, 1977
Volume X, No. 3

Office of Research Services
Wright State University Dayton, Ohio 45431

CONTRACTS, GRANTS AND AWARDS

The Ohio Department of Health has awarded to Dr. Richard Juberg, School of Medicine, a grant in the amount of \$12,500 for his project entitled, "Genetic Services at Children's Medical Center, Dayton." This project will provide multidisciplinary clinical diagnostic services to patients with congenital malformations, whether structural or functional. WSU Account No. 4412CO.

Ritchie Thomas, University Library, received a grant in the amount of \$3,855 from the Office of Education, DHEW, for a "College Resources Program," under the Higher Education Act, Title II-A to purchase materials for use in the University Library. WSU Account No. 3847FO.

The Ohio Historic Preservation Office of the Ohio Historical Society in Columbus awarded \$16,640 to the Western Ohio Branch Campus of WSU for continuation of a "Regional History-Architecture Preservation Office" at WOBC. This program is under the direction of Dr. James Uphoff. WSU Account No. 4018Y2.

Dr. Rubin Battino has received a continuation award for the tenth year in the amount of \$24,906 from the National Institute of General Medical Sciences, DHEW, for his research entitled, "Solubility of Gases in Water and Cyclic Solvents." WSU Account No. 3701H2.

Dr. James Uphoff, WOBC, received a grant in the amount of \$3,855 from the Office of Education, DHEW, for a "College Library Resources Program," under the Higher Education Act, Title II-A to purchase material for use in the Library at the Western Ohio Branch Campus. WSU Account No. 3848FO.

The Ohio Board of Regents, under Title I of the Higher Education Act of 1965, awarded a grant to Dr. Willard Hutzel in the amount of \$14,000 for his proposal entitled, "The Dayton Area Expenditure Study: A Community Training Program for Practical Change." WSU Account No. 4036A2.

Dr. Thomas Tiernan and Brent Huntsman, Brehm Lab, received a \$15,647 contract from the Miami Conservancy District to proceed on "The Analysis of Water Quality Data in The Miami Conservancy District's Computer Data Base System." WSU Account No. 3702Y2.

CONTRACTS, GRANTS AND AWARDS (continued)

Drs. David Karl and Fred Rolsten received a contract from the United States Air Force, Wright-Patterson Air Force Base, ASD/DPCD, in the amount of \$8,899 to present a sixty-three hour course in "Manufacturing: Materials and Processes" for professional engineers and scientists at the base during the month of September, 1977.

The United States Department of Army Corps of Engineers has awarded Dr. Frank Harris an additional \$2,855 to his present research contract entitled, "Characterization and Evaluation of Polymers Containing Herbicides as Pendent Side Chains." WSU Account No. 3627N2.

The National Endowment for the Arts awarded Dr. Edward Levine \$2,000 for his "Works of Art in Public Places" program. WSU Account No. 4040R2.

Brent Huntsman and Dr. Thomas Tiernan received \$3,379 from the Northeast Ohio Four County Regional Planning and Development Organization for "A Scan to Identify Major Chlorinated Hydrocarbons in the Natural Waterways of the NEFCO Area." WSU Account No. 3703Y2.

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ENGINEERING RESEARCH
INITIATION GRANTS

The National Science Foundation has announced a November 15, 1977 deadline (postmark) for proposals to the Engineering Research Initiation Grants program.

The program is directed toward full-time engineering faculty members who are at the professional level and have had no substantial research support. Applicants are encouraged to submit proposals in areas which will expand their research capabilities beyond the research done for the Ph.D. degree. Grants are to be used for the initiation of theoretical and/or experimental research projects in areas normally supported by the Division of Engineering and Metallurgy and Materials Section of the Division of Materials Research.

There are A and B Options.

More detailed information is available in the brochure distributed to Drs. Hutchings, Wells, Martin, et al, or in the Office of Research Services, 415 Library.

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There were eleven formal proposals submitted through the Office of Research Services during the month of July, 1977.

- 78-1 Dr. William Brewer - Biological Sciences - 7/1/77
U. S. Army Research \$62,401
"The Microbial Degradation of Soluble Aromatic Hydrocarbons in the Aquatic Environment"
- 78-2 Dr. Frank Harris - Chemistry Department - 7/6/77
USAE Waterways Experiment Station \$5,000
"Characterization and Evaluation of Polymers Containing Herbicides as Pendent Side Chains"
- 78-3 Dr. Bela Bognar - Social Work - 7/8/77
Greene County Employment Training Administration
(CETA) Title VI \$9,584
"Special Project Typist II for Institute on Aging at WSU"
- 78-4 Dr. Bela Bognar - Social Work - 7/11/77
Ohio Commission on Aging through Miami Valley Council on Aging \$6,950
"Social Gerontology Training in the Field of Aging"
- 78-5 Dr. Frederick Paillet - Geology Department - 7/11/77
Airway Development Corporation \$2,793
"Geohydrological Investigation of a Proposed Motel Site on Airway Road in Greene County, Ohio"
- 78-6 Dr. Marlene Bireley - Education - 7/12/77
Ohio Department of Education, Division of Special Education \$4,000
"Inservice Workshop, Gifted/Talented (Title VI)"
- 78-7 Dr. Thomas Tiernan - Brehm Lab - 7/18/77
Air Force Office of Scientific Research \$119,692
"Collisional Excitation and Ionization"
- 78-8 Dr. Thomas Tiernan and Brent Huntsman - Brehm Lab
7/19/77
The Miami Conservancy District \$15,647
"The Analysis of Water Quality Data in The Miami Conservancy District's Computer Data Base System"

July Proposals (Continued)

- 78-9 Dr. Philip Malone - Geology Department - 7/20/77
U. S. Army Engineers Waterways Experiment
Station \$27,612
- "Intergovernment Personnel Assignment - Research
Geochemist"
- 78-10 Brent Huntsman and Dr. Thomas Tiernan - Brehm Lab
7/22/77
Northeast Ohio Four County Regional Planning and
Development Organization \$3,379
- "A Scan to Identify Major Chlorinated Hydrocarbons
in the Natural Waterways of the NEFCO Area"
- 78-14 Parvis Gohari, M.D. - School of Medicine - 7/29/77
National Foundation March of Dimes \$30,000
- "Intrauterine Growth Retardation: Its Effect on
Fetal and Neonatal Growth"

AMERICAN LUNG ASSOCIATION RESEARCH

A number of programs of the American Lung
Association have been received by the
Office of Research Services. These are:

Edward Livingston Trudeau Fellowships	October	1, 1977
Training Fellowships	October	1, 1977
Nursing Fellowships in Respiratory Care	April	1, 1977
Clinical Nurse Specialty Program	November	1, 1977
Health Professions Educator Award	January	3, 1978
Institution Pediatric Training Grants	October	1, 1977
Institution Training Grants	October	1, 1977
Research Grants	December	1, 1977

Application forms and more detailed information are available
from the Office of Research Services, L 415, on request.

MEDICAL EDUCATION

Innovative programs in Medical Education
may be provided with one or two year grants
in support of programs that show promise of
controlling costs, improve patient care, or generally improve educa-
tional process. Deadline is October 1, 1977 - grants average
\$50,000 to \$60,000. Fellowships are also provided by the National
Fund for Medical Education.

You've reached middle age when all you exercise
is caution!

ADDITIONAL PROGRAM ANNOUNCEMENTS

The American Lung Association offers "starter" grants to young investigators for research in the field of prevention and control of lung disease. Established investigators are not eligible for American Lung Association funds and are urged not to apply.

The average funding authorized by the ALA is in the \$10-15,000 range per year. Research funds are considered "seed money" for the support of junior investigators. Awards generally will be made to individuals below the rank of Associate Professor. Those with lower academic rank, who do not have other major research grant support, will receive preference.

Applications may be made for one or two years of support.

The deadline for receipt of applications is December 1, 1977, with awards being activated for July 1, 1978.

Application forms and additional program information are available by calling the School of Medicine Office of Contracts and Grants Management at 873-2031.

The Montgomery County Society for Cancer Control and the Dayton Area Heart Association are accepting grant applications for patient-oriented research in cancer and heart disease. There is no limitation on the amount that can be requested, however, all projects are funded locally on a trial basis. No deadlines are stated but review and approval requires at least three months.

The American Heart Association - The Miami Valley Heart Chapter are accepting applications for grants-in-aid to support research broadly related to cardiovascular function and disease and related fundamental problems. Preference is given to junior level investigators. Maximum award is for \$10,000, renewable for a total period of three years. The deadline for receipt of applications is September 15, 1977.

Application forms and additional program information is available by calling the School of Medicine Office of Grants and Contracts Management at 873-2031.

E.R.D.A. FACULTY
DEVELOPMENT GRANTS

Proposals for Faculty Development in Energy whereby colleges assist in developing understanding of information and issues related to development and utilization of energy resources must be submitted by October 14, 1977.

The general topics are: (1) Energy Education Projects and (2) Energy Conservation Projects.

Awards are to be about \$15,000, with a maximum of \$45,000.

ROCKEFELLER FOUNDATION
HUMANITIES FELLOWSHIPS

The Rockefeller Foundation has announced an October 1 and December 15, 1977 deadline for awards in support of the production of works of humanistic scholarship intended to illuminate and assess the values of contemporary civilization. The focus will be on the contemporary experience and its dilemmas as well as on long-range, perennial, and universal human concerns. Applicants with interdisciplinary skills and interests are especially welcomed.

Proposals will be favored which, in addition to their inherent value, explore new methods and tasks of humanistic scholarship today as well as important but neglected areas of historical, philosophical, social, and cultural history.

PHARMACEUTICAL
MANUFACTURERS
ASSOCIATION FOUNDATION,
INC.

The PMA has announced a deadline of September 15, 1977 for its Fellowships in Advanced Predoctoral Training in Pharmacology Toxicology. The program provides a stipend, payment of tuition, and funds to cover the training of promising students during their thesis research. A maximum of \$3,900 per year with possible two years of support.

AMERICAN HEART
ASSOCIATION

The National Office of the American Heart Association announces an October 1, 1977 deadline for its program of grant-in-aid awards in the area of cardiovascular and stroke. Grants will average \$16,000 with support lasting from 1 to 3 years.

THE NATIONAL
FOUNDATION

Basic Research Grants for laboratory studies in birth defects are provided by March of Dimes - The National Foundation - October 1, 1977 is deadline date for application.

Daft Definition

French Feminine Arsonist - laburnum

NATIONAL GEOGRAPHIC
SOCIETY
RESEARCH GRANTS

Grants-in-aid for basic research in the sciences of Geography, Anthropology, Archaeology, Astronomy, General Biology, Botany, Ecology, Ethnology, Geology, Glaciology, Marine Biology, Mineralogy, Oceanography, Paleontology, Zoology, Entomology, Ornithology, Mammalogy, Primatology, and Ethology, are available through the National Geographic Society.

Grants range from a few hundred to a few thousand dollars. There is no indirect cost allowed. Salary support is not usually provided. Neither is equipment provided for in any research grant.

Grants are usually for one year. Action is taken upon applications usually in three or four months. Proposals may be submitted at any time.

ACLS INDIVIDUAL
SCHOLAR

The American Council of Learned Societies has announced deadlines for a number of programs provided for individuals:

- (1) ACLS Fellowships - 12 months of continuous study - September 30, 1977.
- (2) Grants-in-Aid for New Professionals - September 30, 1977.
- (3) Research Fellowships for New Professionals (One quarter) November 1, 1977.
- (4) Travel Grants for Humanists to International Meeting Abroad - November 1, 1977. Additional deadlines are March 1, 1978 and July 1, 1978.
- (5) ACLS Study Fellowships (outside professional specialty) - November 15, 1977.
- (6) Grants for Research on Chinese Civilization (Prior to 1910) December 1, 1977.
- (7) Mellon Fellowships for Chinese Studies (East Asia) - December 1, 1977.
- (8) Grants for Research in East European Studies (6 months) - December 30, 1977.
- (9) Grants-in-Aid to advance specific research in progress - January 16, 1978.

THE NATIONAL
KIDNEY FOUNDATION

The National Kidney Foundation provides laboratory and clinical research fellowships in necrology with stipends to \$12,500. An October 1, 1977 deadline has been established for receipt of proposals.

NATIONAL HEART,
LUNG, AND BLOOD
INSTITUTE

The N.H.L.B.I. has announced an October 1, deadline for the receipt of proposals for National Research Service Awards - Individual Postdoctoral Fellowships. These

awards are available in support of multidisciplinary postdoctoral training for basic and clinical research in pulmonary diseases in the following areas: (a) structure and function of the lung; (b) pediatric pulmonary diseases; (c) emphysema and chronic bronchitis; (d) fibrotic and immunologic lung diseases; (e) respiratory failure; (f) pulmonary vascular diseases; (g) epidemiology and respiratory diseases.

Fellowships provide stipends up to \$13,200 for the first year and may be funded for three years. Arrangements for appointments must be made with the appropriate institution, and acceptance of a sponsor to supervise the training and research must be previously arranged.

SUMMER STIPEND
FOR
COLLEGE FACULTY

The National Endowment for the Humanities has set October 18, 1977 as the deadline for applications for these summer stipends.

The purpose is to free the recipients from summer employment so that they can devote this time to concentrated study and research.

The university may nominate by the President, Dean, or other designated officer, three faculty members for these stipends. Two should be in the early stages of their career and should be selected on the basis of ability or promise as a scholar or teacher.

Application forms will be available after September 1, 1977.

PUBLIC UNDERSTANDING
OF SCIENCE

The Office of Science and Society of the National Science Foundation has established December 1, 1977 as the next closing date

for receipt of proposals.

The goals of this program are:

- (1) An increased public understanding of the scientific and technological components of a major issues of public policy and personal judgment and,
- (2) An increased public understanding of the methods and activities of scientists and engineers and their effects upon our lives.

The complete program is described in NSF SE-77-60, which is on file in ORS-415 Library. Duplication of the original will be provided on request.

CALENDAR OF DEADLINES

SEPTEMBER

	<u>Agency or Code</u>	<u>Date</u>
Mental Health Service Education Grants	G-37	15
Mental Health Services Manpower Research and Development Grants	G-38	15
State Agricultural Experiment Stations Research Program	K-20	15
Education Program (Humanities) Consultants	M-64	15
Postdoctoral Research Associates - NRC -NASA	M-69	15
Secondary School Student Science Training	N-31	Mid
Education of Migrant Children	C-61	30

OCTOBER

Research Career Development	F-97	1
National Research Service Awards - Institutional Grants	G-7	1
National Research Service Awards - Individual Fellows	G-8	1
Minority Access to Research Careers - Faculty Fellowships	G-13	1
Minority Access to Research Careers - Visiting Scientists	G-14	1
General Clinical Research Centers - NIH	G-18	1
Training Grants - Division of Special Mental Health	G-39	1
Academic Career - Teacher Awards (Medical) NADAA	G-46	1
Developmental Training Grants in Drug Abuse	G-48	1
Research Scientist Development Program	G-57	1
Model Projects on Aging	H-3	1
Graduate Research Fellowships in Law Enforcement	L-46	1
Program for University Research in Transportation - Unsolicited Problem Areas	L-90	1
Woodrow Wilson International Center for Scholars	O-35	1
Local Course Improvement	N-19	3
Preparation of Professional Personnel to Educate Handicapped Children	D-1	Prob. 14
Special Education Programs in University- Affiliated Facilities	D-5	Prob. 14
Special Projects to Prepare Personnel to Work with Handicapped Children	D-7	Prob. 14
Equipment and Materials to Improve Undergraduate Instruction	E-1	After 15

Calendar of Deadlines - October (continued)

	<u>Agency or Code</u>	<u>Date</u>
Strengthening Developing Institutions	D-97	Prob. 17
Advanced Institutional Development	D-99	Prob. 17
Undergraduate Programs in International Studies	E-44	Late Oct./Nov.
Graduate Programs in International Studies	E-51	Late Oct./Nov.
Health Professions Capitation Grants	F-21	Late Sept./Oct.

NOVEMBER

Foreign Curriculum Consultants	E-35	1
Group Projects Abroad	E-37	Prob. 1
Faculty Research Abroad	E-39	Prob. 1
Doctoral Dissertation Research	E-41	Prob. 1
Undergraduate Program in International Studies	E-44	Early
Graduate Programs in International Studies	E-51	Early
Teacher Exchange Program (78-79 positions)	E-53	1
Occupational Safety and Health Research and Demonstrations	F-1	1
Occupational Safety and Health Training	F-2	1
Research Support - Food and Drug Administration	F-3	1
Nurse Practitioner Training	F-7	1
Special Projects to Improve Nurse Training	F-11	1
Nursing Research Projects	F-14	1
Exploratory Research Grants	F-38	1
Research Projects Grants	F-39	1
Developmental and Demonstration Projects	F-40	1
Clinical Cancer Education Grants	F-99	1
Construction of Cancer Research Facilities	F-100	1
Cancer Centers	F-101	1
Research Project Grants NIH	G-1	1
Minority Schools Biomedical Support Program	G-12	1
Biotechnology Resources	G-17	1
Projects to Support Animal Resources	G-19	1
Medical Library Science Research Project	G-23	1
Biomedical Publication Grants	G-24	1
Medical Library Resources	G-25	1
Training in Health Sciences and Computer Technology	G-27	1
Mental Health Research Grants	G-31	1
Mental Health Program and Project Grants	G-33	1
Studies of Crime and Delinquency	G-41	1
Prevention and Control of Rape	G-42	1
Metropolitan Problems	G-43	1
Minority Group Mental Health Program	G-44	1

Calendar of Deadlines - November (continued)

	<u>Agency or Code</u>	<u>Date</u>
Mental Health Epidemiology	G-45	1
Career-Teacher Training Centers	G-47	1
Research on Narcotic Addiction and Drug Abuse	G-51	1
Drug Abuse Prevention Education Projects	G-53	1
Research on Alcohol Abuse and Alcoholism	G-55	1
Training in Prevention and Treatment of Alcohol Abuse and Alcoholism	G-56	1
Graduate Traineeships in Energy	M-12	1
Student Originated Studies	N-35	Early
International Cooperative Scientific Activities -Israel Bergmann Grants	N-61	1
Scientific Research - Mathematics and Earth Sciences	N-73	1
White House Fellows	O-17	Prob. 1
Smithsonian Institution Foreign Currency Programs (4)	O-31	1
Engineering Research Initiation Grants	N-72	15
Research Initiation for Minority Institution Improvement	N-16	(76) 15
Visiting Fellowships - National Institute Law Enforcement	L-47	(76) 15
Education of Neglected and Delinquent Children (State to USOE)	C-65	15
Solar Heating and Cooling Demonstration Projects	M-3	(76) 19

Additional Dates to Remember

ERDA - Faculty Development Grants	October 14
Ford Foundation Environmental Grants	November 1
Health Manpower Research	November 1
Mathematical and Computer Sciences Programs	November 1
Marshall Fellowships	November 30
U.S./Latin America Science Program	December 1
U.S./Japan Science Program	December 1
NSF SEED Program	December 1
NEH Challenge Grants	December 15